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NATIONAL COMMUNICABLE DISEASE CENTER

Morbidity and Mortality

Vol. 17, No. 52

WEEKLY REPORT

Week Ending December 28, 1968

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE — PUBLIC HEALTH SERVICE

HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION

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Epidemiologic Notes and Reports
Influenza – United States 477
Follow-up and Two Additional Outbreaks of Epidemic Gastroenteritis, Possible Winter Vomiting Disease – Ohio and Oklahoma 478

Current Trends
Gonorrhea – United States 479

Index – Volume 17 – 1968 481

EPIDEMIOLOGIC NOTES AND REPORTS
INFLUENZA – United States

Since December 21, 1968 (MMWR, Vol. 17, No. 51), there has been essentially no reported change in influenza activity in the United States. Widespread occurrence has been reported in 23 states, regional occurrence in 10 states, and isolated outbreaks in 14 states. Documented isolated cases of influenza have occurred in Hawaii, Louisiana, and Mississippi.

As of December 28, excess pneumonia-influenza mortality and excess total mortality for 122 U.S. cities were seen for the fourth consecutive week. While excess total mortality for the 122 U.S. cities was slightly lower than the preceding week, excess pneumonia-influenza mortality was slightly higher. Excess pneumonia-influenza mortality was observed in all geographic divisions except for the East South Central and West South Central Divisions.

(Reported by Respiratory Viral Diseases Unit, NCDC.)

TABLE I. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	52nd WEEK ENDED		MEDIAN	CUMULATIVE, FIRST 52 WEEKS		
	December 28, 1968	December 30, 1967	1963 - 1967	1968	1967	MEDIAN 1963 - 1967
Aseptic meningitis	70	29	29	4,362	2,998	2,135
Brucellosis	2	8	8	226	252	257
Diphtheria	2	10	5	243	214	214
Encephalitis, primary:						
Arthropod-borne & unspecified	21	19	- - -	1,449	1,585	- - -
Encephalitis, post-infectious	5	10	- - -	463	760	- - -
Hepatitis, serum	86	71	715	4,695	2,383	37,652
Hepatitis, infectious	673	695		45,522	38,749	
Malaria	53	83	13	2,367	2,141	107
Measles (rubeola)	205	479	2,800	22,527	62,335	265,501
Meningococcal infections, total	17	53	53	2,516	2,166	2,813
Civilian	17	52	- - -	2,307	2,035	- - -
Military	—	1	- - -	209	131	- - -
Mumps	1,611	- - -	- - -	148,731	- - -	- - -
Poliomyelitis, total	—	7	7	57	53	102
Paralytic	—	4	4	57	37	91
Rubella (German measles)	277	308	- - -	48,433	44,161	- - -
Streptococcal sore throat & scarlet fever	8,273	10,322	7,752	434,648	448,976	393,846
Tetanus	1	7	5	159	233	267
Tularemia	—	4	11	172	169	247
Typhoid fever	3	4	6	405	396	461
Typhus, tick-borne (Rky. Mt. spotted fever)	2	2	2	279	300	254
Rabies in animals	36	60	61	3,317	4,172	4,172

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	3	Rabies in man:	1
Botulism:	7	Rubella, Congenital Syndrome:	6
Leptospirosis: Fla.-1	57	Trichinosis: NY Up-State-1	65
Plague:	3	Typhus, murine:	33
Psittacosis: Calif.-1	43		

Excludes Report from Oregon – Weather Conditions.

FOLLOW-UP AND TWO ADDITIONAL OUTBREAKS OF EPIDEMIC GASTROENTERITIS, POSSIBLE WINTER VOMITING DISEASE

Ohio and Oklahoma

Since the report of epidemic gastroenteritis from Norwalk, Ohio, appeared (MMWR, Vol. 17, No. 47), two similar outbreaks have been reported to NCDC. One of the epidemics occurred recently in a public school in Columbus, Ohio, and the second in a college in Oklahoma in September.

Both epidemics had certain clinical and epidemiologic features in common: sudden onset, absence of prodromata, nausea and vomiting as the principal symptoms, mild fever in less than 40 percent of cases, little diarrhea, no sequelae, and failure to isolate the causative agent or agents. Illness occurred in primary cases over a 2-3 day span suggesting a common source.

The epidemic in Columbus began in an elementary school on Wednesday morning, December 4. Over the next 2 days there was an absentee rate of about 25 percent. The majority of cases occurred in the 24-hour period between noon December 4 and noon December 5 (Figure 1). Cases occurred in all classrooms but were concentrated in the first and second grades, where absentee rates ranged between 19 and 88 percent. Secondary and tertiary spread to family contacts was documented; onset of illness was spread over a 5-day period (Figure 2). No food is served at the school, and the water is from the Columbus water supply. Stool cultures on 25 ill school children were negative for common bacterial pathogens, and viral studies are in progress. It is of interest that in the early part of the week the three first grades held joint classes as did the two second grades.

The Oklahoma epidemic occurred among freshman girls residing in one dormitory. Of the 300 girls living in the dormitory, 76 (25 percent) became ill over the weekend of

Figure 1
81 PRIMARY CASES OF GASTROENTERITIS
BY TIME OF ONSET
COLUMBUS, OHIO – DECEMBER 2-6, 1968

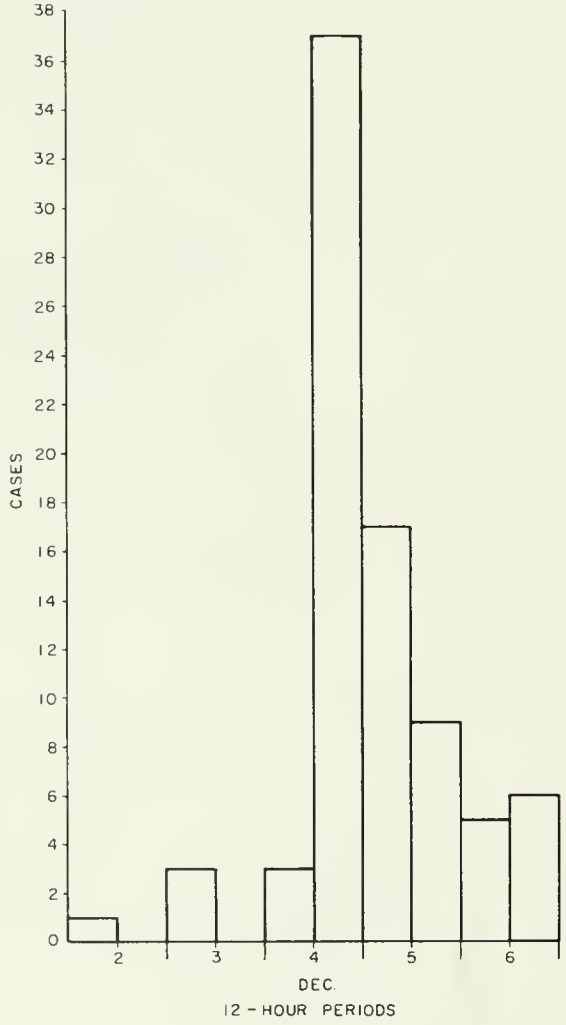
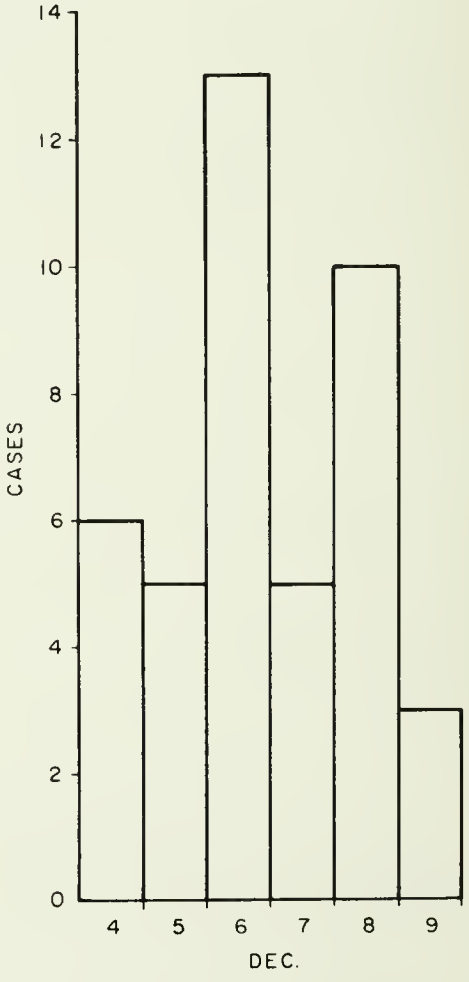


Figure 2
CASES OF GASTROENTERITIS IN FAMILY CONTACTS
OF PRIMARY CASES BY DAY OF ONSET
COLUMBUS, OHIO – DECEMBER 4-9, 1968



September 28; 11 were hospitalized. Gastrointestinal illness did not occur in other students, and only three secondary cases, with an average incubation period of 36 hours, could be documented. Sixty-seven (88 percent) of the ill students ate the noon meal in the dormitory cafeteria on Friday, September 27. However, students who did not become ill were not questioned nor were food histories obtained. Bacterial cultures taken of the suspect meal were negative.

Follow-up studies in Norwalk in early December showed a 9.5 percent incidence of gastrointestinal illness in the community after the original investigation. This is significantly higher than the 3 percent incidence found at the time of the epidemic. In this latter survey, attack rates in grade school children (14 percent) and infants (21 percent) were higher than in adults (6 percent) and teenagers (10 percent). No viral or bacterial agents have been isolated to date. Virologic studies continue.

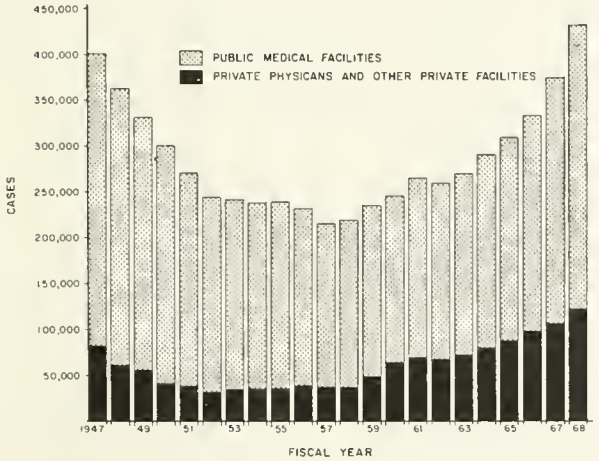
(Reported by Calvin B. Spencer, M.D., Acting Chief, Communicable Disease Division, and Jack H. Russell, D.V.M., Chief, Division of Veterinary Public Health, Ohio Department of Health; Corey B. Paul, M.D., Columbus School System Physician; William Brown, M.D., Deputy Health Commissioner, Columbus Health Department; George F. Linn, M.D., Commissioner of Health, Huron County Department of Health, Norwalk, Huron County, Ohio; R. LeRoy Carpenter, M.D., Director, Division of Epidemiology, Oklahoma State Department of Health; Robert Bowers, M.D., School of Health, University of Oklahoma, Oklahoma City; and a team of EIS Officers.)

CURRENT TRENDS
GONORRHEA – United States*

National case reporting of gonorrhea began in the fiscal year ending June 30, 1941; that year, 193,468 cases were reported. Subsequent case totals increased annually to a peak of 400,639 in 1947. After 1947, cases decreased annually to a low of 216,476 cases in 1957. Beginning in 1957, cases increased each year with the exception of 1962 and reached a new high of 431,380 cases in fiscal year 1968, ending June 30, 1968 (Figure 3).

The twofold increase in cases reported between 1957 and 1968 was reflected in cases reported by private medical facilities as well as in cases reported by tax supported hospitals and venereal disease clinics. Cases reported from private medical facilities during the period from 1957 to 1968 increased by 232 percent (from 37,295 to 123,756) and cases reported by public medical facilities increased by 71 percent (from 179,181 to 307,624).

Figure 3
CIVILIAN CASES OF GONORRHEA, BY REPORTING AGENCY
UNITED STATES – FISCAL YEARS 1947-1968



The 431,380 cases reported in the United States in 1968 represented an increase of 55,774 cases or 14.8 percent over the number reported in 1967. In 1968, cases reported from private medical facilities and public medical facilities increased 14.7 and 14.9 percent, respectively.

The total cases reported in 1957, 1967, and 1968 and current case rates are presented in Table 1. The Pacific and New England Divisions reported the largest proportional increase in cases from 1957 to 1968. The only division that reported fewer cases in 1968 than in 1957 was the East South Central Division. Only two states reported fewer cases in 1968 than 1957 and both of these states (Mississippi and Tennessee) are in the East South Central Division.

In 1968, 45 states reported more cases than in 1967. Case rates in 1968 ranged from a high of 425.9 cases per 100,000 population in Georgia to a low of 60.5 cases per 100,000 population in Wyoming.

(Reported by the Venereal Disease Program, NCDC.)

*All yearly totals referred to in this article are fiscal year totals. The fiscal year begins on July 1 of the calendar year and ends on June 30 of the succeeding year.

(See Table 1 on page 480)

Table 1
Reported Civilian Cases of Gonorrheo and Rates per 100,000 Populotion
United States, Selected Fiscal Yeors

Area	Cases					Cases per 100,000 Population, 1968	
	1957	1967	1968	Percent Change in 1968 from			
				1957	1967	Rate	Rank
UNITED STATES	216,860	375,606	431,380	+ 98.9	+ 14.8	219.2	–
NEW ENGLAND	3,271	10,171	12,475	+281.4	+ 22.7	111.1	
Maine	81	494	862	+964.2	+ 74.5	90.1	40
New Hampshire	43	466	416	+867.4	- 10.7	61.1	49
Vermont	55	265	281	+410.9	+ 6.0	67.7	48
Massachusetts	1,529	4,925	5,816	+280.4	+ 18.1	108.0	37
Rhode Island	187	405	837	+347.6	+106.7	95.7	39
Connecticut	1,376	3,616	4,263	+209.8	+ 17.9	146.4	29
MIDDLE ATLANTIC	22,426	52,238	60,994	+172.0	+ 16.8	165.5	
New York	13,399	36,754	40,194	+200.0	+ 9.4	219.6	16
New Jersey	4,215	4,922	6,891	+ 63.5	+ 40.0	99.2	38
Pennsylvania	4,812	10,562	13,909	+189.0	+ 31.7	119.8	33
EAST NORTH CENTRAL	38,801	77,928	86,130	+122.0	+ 10.5	220.8	
Ohio	7,044	15,797	20,115	+185.6	+ 27.3	192.7	20
Indiana	2,040	5,198	5,855	+187.0	+ 12.6	117.4	35
Illinois	20,023	37,485	39,326	+ 96.4	+ 4.9	363.3	3
Michigan	8,862	16,741	17,283	+ 95.0	+ 3.2	201.8	19
Wisconsin	832	2,707	3,551	+326.8	+ 31.2	84.9	44
WEST NORTH CENTRAL	9,486	20,937	25,564	+169.5	+ 22.1	161.2	
Minnesota	735	2,640	3,113	+323.5	+ 17.9	87.1	43
Iowa	621	3,193	3,710	+497.4	+ 16.2	134.9	30
Missouri	5,214	9,105	11,539	+121.3	+ 26.7	252.8	10
North Dakota	188	455	435	+131.4	- 4.4	69.4	47
South Dakota	443	701	1,041	+135.0	+ 48.5	156.1	27
Nebraska	670	1,356	2,167	+223.4	+ 59.8	152.4	28
Kansas	1,615	3,487	3,559	+120.4	+ 2.1	157.9	26
SOUTH ATLANTIC	64,726	75,392	86,134	+ 33.1	+ 14.2	299.4	
Delaware	411	1,265	1,534	+273.2	+ 21.3	297.9	9
Maryland	7,032	7,228	8,678	+ 23.4	+ 20.1	240.6	12
District of Columbia	9,732	11,615	12,231	+ 25.7	+ 5.3	1,544.3	–
Virginia	6,751	9,282	9,918	+ 46.9	+ 6.9	228.6	14
West Virginia	1,065	1,129	1,259	+ 18.2	+ 11.5	70.1	46
North Carolina	10,652	10,417	11,133	+ 4.5	+ 6.9	226.8	15
South Carolina	6,235	7,765	8,697	+ 39.5	+ 12.0	344.2	4
Georgia	12,851	15,140	18,688	+ 45.4	+ 23.4	425.9	1
Florida	9,997	11,551	13,996	+ 40.0	+ 21.2	237.2	13
EAST SOUTH CENTRAL	27,005	24,705	26,152	- 3.2	+ 5.9	204.0	
Kentucky	3,002	3,670	3,733	+ 24.4	+ 1.7	118.8	34
Tennessee	12,915	11,582	12,166	- 5.8	+ 5.0	315.8	6
Alabama	3,591	4,245	4,565	+ 27.1	+ 7.5	130.3	32
Mississippi	7,497	5,208	5,688	- 24.1	+ 9.2	245.3	11
WEST SOUTH CENTRAL	28,257	44,752	48,255	+ 70.8	+ 7.8	258.4	
Arkansas	4,668	5,996	6,140	+ 31.5	+ 2.4	313.4	7
Louisiana	5,668	5,910	6,307	+ 11.3	+ 6.7	174.3	24
Oklahoma	4,040	3,918	3,923	+ 2.9	+ 0.1	160.4	25
Texas	13,881	28,928	31,885	+129.7	+ 10.2	299.3	8
MOUNTAIN	4,751	10,433	11,152	+134.7	+ 6.9	145.4	
Montana	231	449	524	+126.8	+ 16.7	75.8	45
Idaho	253	954	804	+217.8	- 15.7	115.7	36
Wyoming	63	188	188	+198.4	0.0	60.5	50
Colorado	775	2,471	2,570	+231.6	+ 4.0	133.5	31
New Mexico	861	1,806	1,880	+118.4	+ 4.1	190.9	21
Arizona	2,076	3,157	3,326	+ 60.2	+ 5.4	207.1	18
Utah	229	773	911	+297.8	+ 17.9	89.5	41
Nevada	263	635	949	+260.8	+ 49.4	217.2	17
PACIFIC	18,137	59,050	74,524	+310.9	+ 26.2	301.3	
Washington	1,131	4,765	5,543	+390.1	+ 16.3	183.0	23
Oregon	516	3,163	3,659	+609.1	+ 15.7	183.5	22
California	16,106	49,547	63,783	+296.0	+ 28.7	339.4	5
Alaska	235	1,190	931	+296.2	- 21.8	391.2	2
Hawaii	149	385	608	+308.1	+ 57.9	88.9	42
PUERTO RICO	3,310	2,635	2,481	- 25.1	- 5.9	93.4	–

INDEX – VOLUME 17 – 1968

AFRICAN SLEEPING SICKNESS
Epidemic Reports
Florida, 412

ANTHRAX
Epidemic Reports
California, 279
Connecticut, 102
Massachusetts, 198
Rhode Island, 198

ARSINE GAS POISONING
Epidemic Reports
New Jersey, 350

BOTULISM
Epidemic Reports
Alaska, 169
California, 199, 211, 304, 306, 446
Michigan, 348
Summories
Annual, 6, 137, 160, 444
Current, 381
Trivolent Botulinus Antitoxin, 444

BOVINE CYSTICERCOSIS
Epidemic Reports
Texas, 140, 168, 241

BRUCELLOSIS
Summary
Annual, 92

CADMIUM FOOD POISONING
Epidemic Reports
Minnesota, 320

CANINE ABORTION, HUMAN INFECTION
Epidemic Reports
New York, 285

CHEMICAL POISONING
Epidemic Reports
Minnesota, 320
New Jersey, 350
Texas, 263, 376
International Notes
Middle East (Qatar, Saudi Arabia), 234

CHINESE FOOD POISONING
Epidemic Reports
Florida, 455

CHOLERA
International Notes, 180
Recommendation of the PHS Advisory Committee on Immunization Practices -- Cholera Vaccine, 181

CLOSTRIDIUM PERFRINGENS
Epidemic Reports
New York, 415
Washington, 232
Summories
Annual, 137, 160
Current, 381

COCCIDIOIDOMYCOSIS
Epidemic Reports
New York, 153, 168

DIPHTHERIA
Epidemic Reports
Florida, 358
Georgia, 358
Texas, 397
Summory
Annual, 103

ECHINOCOCCOSIS
Epidemic Reports
New York, 20

ENCEPHALITIS, ARTHROPOD-BORNE
Epidemic Reports
Florida, 414
Illinois, 337
Kentucky, 346
Maryland, 328
New Jersey, 307
United States, 278, 371
Summory
Current, 276, 346

ENCEPHALITIS, PRIMARY AND POST-INFECTIOUS
Summories
Annual, 71
Current, 183

ENDRIN POISONING
International Notes
Middle East (Qatar, Saudi Arabia), 234

EXCESS MORTALITY
Summory
Current, 288

FOODBORNE DISEASE OUTBREAKS
Epidemic Reports
Colorado, 189
Florida, 7, 455
Mississippi, 348
New Jersey, 321, 455
New York, 452
Ohio, 418
Oregon, 222
Pennsylvania, 121
Texas, 109
Washington, 232
Summories
Annual, 137, 160
Current, 381

GASTROENTERITIS
Epidemic Reports
Mississippi, 348
New Jersey, 321, 455
New York, 452
Ohio, 434, 478
Oklahoma, 478
Oregon, 222

(Continued on page 482)

INDEX – VOLUME 17 – 1968 *(Continued from page 481)*

Pennsylvania, 121
Texas, 109
Washington, 232

GONORRHEA
Summary
Current, 479

HAND, FOOT, AND MOUTH DISEASE
Epidemic Reports
Maryland, 278
New York, 279

HEPATITIS
Epidemic Reports
Michigan, 271, 359
New Jersey, 298
Washington, 34
Recommendation of the PHS Advisory Committee on Immunization Practices – Immune Serum Globulin, 290
Summary
Current, 122, 390

INFLUENZA
Epidemic Reports
California, 357
Georgia, 329
Hawaii, 357
Illinois, 43, 396
Michigan, 23
Missouri, 43
New Jersey, 357
New York, 43
Ohio, 357
Pennsylvania, 43, 463
United States, 425, 433, 441, 453, 461, 469, 477
Washington, 1, 338
Washington, D.C., 43, 357
Internotionol Notes
Australia, 345
Canal Zone, 32
Denmark, 31
Federal Republic of Germany, 31
France, 31
Hong Kong, 277, 305, 313
Indonesia, 329
Iran, 358
Italy, 31
Jamaica, 32
Japan, 28
Netherlands, 31, 48
Norway, 31
Philippines, 329, 345
Puerto Rico, 433
Singapore, 329
South America (Argentina, Chile), 228
Sweden, 31
Switzerland, 31
Taiwan, 28, 329
Trinidad, 345
United Kingdom, 31, 396
Yugoslavia, 31
Pneumonio-Influenzo Deaths, 244, 4
Recommendation of the PHS Advisory Committee on Immunization Practices – Influenza Vaccines – 1968-69, 246; Influenza 1968-69, 323; A2 Influenza Virus Vaccine, Monovalent, 1968-69, 368; Chemoprophylaxis, 1968-69, 368
Summary
Current, 4, 14, 29, 31 (Laboratory Findings), 43, 50 57, 244, 369

KALA-AZAR
Epidemic Reports
Maryland, 110

LEPTOSPIROSIS
Epidemic Reports
Georgia, 286
Summary
Annual, 235

LISTERIOSIS
Summary
Annual, 383

MALARIA
Epidemic Reports
Alabama, 314
California, 270
Delaware, 34
Georgia, 286
Hawaii, 111
Maryland, 339
Minnesota, 351
New York, 211
Oklahoma, 415
Texas, 351, 378
Washington, 297
Washington, D.C., 149
Internotionol Notes
Ceylon, 93, 141, 160
Summary
Annual, 201

MARBURG DISEASE
Internotionol Notes, 223, 252

MEASLES
Epidemic Reports
California, 230
Illinois, 70, 101
Louisiana, 349
Montana, 112, 136
New Hampshire, 86
North Carolina, 476
Pennsylvania, 446
Rhode Island, 468
Utah, 176
Washington, D.C., 407
Internotionol Notes
Nigeria, 362
Summaries
Annual, 22, 215 (Measles Mortality), 379
Current, 2, 32, 41, 42, 43, 49, 61, 62, 76, 79, 85, 95, 102, 113, 123, 129, 153, 163, 168, 182, 200, 201, 213, 215, 221, 228, 229, 230, 244, 268, 287, 307, 331, 361, 398, 416,

MENINGITIS, ASEPTIC
Epidemic Reports
Florida, 347
Hawaii, 62, 76
Summary
Annual, 114
MENINGOCOCCAL INFECTION
Epidemic Reports
Florida, 347
Hawaii, 178
Mississippi, 21, 32
Oregon, 111
International Notes
Sicily, 56
Summaries
Annual, 33
Current, 50, 62, 78, 87, 131, 179, 299
MENINGOENCEPHALITIS, PRIMARY AMEBIC
Epidemic Reports
Virginia, 330
MORBIDITY REPORTING, 312, 356
MUMPS
Recommendation of the PHS Advisory Committee on Immunization Practices — Mumps Vaccine, 419
ORGANIC PHOSPHATE POISONING
Epidemic Reports
Texas, 376
PARATHION POISONING
Epidemic Reports
Texas, 263
PERTUSSIS
Epidemic Reports
Oregon, 6
PLAGUE
Epidemic Reports
Arizona, 269
Colorado, 253, 261, 270
Idaho, 405
International Notes
Indonesia, 214
Recommendation of the PHS Advisory Committee on Immunization Practices — Plague Vaccine, 171
PNEUMONIA
Epidemic Reports
South Dakota, 13
PNEUMONIA, *MYCOPLASMA PNEUMONIAE*
Epidemic Reports
Georgia, 413
PNEUMONIA, *PNEUMOCYSTIS CARINII*
Epidemic Reports
New Jersey, 51
POLIOMYELITIS
Epidemic Reports
Missouri, 279
Texas, 69, 77
Washington, D.C., 414
QUARANTINE MEASURES
12, 20, 40, 63, 84, 100, 108, 120, 128, 148, 168, 188, 203, 252, 304, 412, 424
Method of Recording Date of International Certificates of Vaccination, 243, 228
RABIES
Epidemic Reports
Kansas, 389
Pennsylvania, 33
Texas, 152
RECOMMENDATIONS OF THE PHS ADVISORY COMMITTEE ON IMMUNIZATION PRACTICES
Cholera, 181
Hepatitis, 290
Influenza, 246, 323, 368
Mumps, 419
Plague, 171
Typhus, 191
RELAPSING FEVER
Epidemic Reports
Oregon, 362
Washington, 197
SALMONELLOSIS
Epidemic Reports
Florida, 7
Missouri, 330, 371, 470
New Jersey, 321, 455
Pennsylvania, 121
Tennessee, 150, 417
Wisconsin, 231
International Notes
Cuba, 427
Salmonella Contamination of Enzymatic Drain Cleaners, 162
Summaries
Annual, 137, 160
Current, 79, 208, 220, 360, 381
SCOMBROID FISH POISONING
Epidemic Reports
New York, 452
SHIGELLOSIS
Epidemic Reports
Ohio, 418
Washington, 180
Summaries
Annual, 137, 160
Current, 254, 268, 381
SMALLPOX
International Notes
Africa, 339, 447
Uruguay, 460
STAPHYLOCOCCAL FOOD POISONING
Epidemic Reports
Mississippi, 348
Texas, 109
International Notes
Puerto Rico, 377
Summaries
Annual, 137, 160
Current, 381
STREPTOCOCCAL INFECTION
Epidemic Reports
Colorado, 189
Vermont, 406

(Continued on page 488)

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

DECEMBER 28, 1968 AND DECEMBER 30, 1967 (52nd WEEK)

AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	DIPHTHERIA	ENCEPHALITIS			HEPATITIS			MALARIA
					Primary including unsp. cases		Post-Infectious	Serum	Infectious		
	1968	1967	1968	1968	1968	1967	1968	1968	1968	1967	1968
UNITED STATES...	70	29	2	2	21	19	5	86	673	695	53
NEW ENGLAND.....	1	-	-	-	1	-	-	5	31	27	2
Maine.*.....	-	-	-	-	-	-	-	-	4	2	-
New Hampshire.....	-	-	-	-	-	-	-	-	1	3	-
Vermont.....	-	-	-	-	-	-	-	1	-	-	-
Massachusetts.....	-	-	-	-	-	-	-	-	8	9	2
Rhode Island.....	1	-	-	-	-	-	-	-	8	2	-
Connecticut.....	-	-	-	-	1	-	-	4	10	11	-
MIDDLE ATLANTIC.....	11	-	-	-	2	-	-	56	135	104	2
New York City.....	4	-	-	-	1	-	-	49	55	36	-
New York, up-State.	5	-	-	-	-	-	-	3	15	19	2
New Jersey.....	2	-	-	-	1	-	-	2	29	23	-
Pennsylvania.....	-	-	-	-	-	-	-	2	36	26	-
EAST NORTH CENTRAL...	3	2	1	-	10	1	2	1	98	111	1
Ohio.....	1	-	-	-	4	-	-	-	20	32	-
Indiana.*.....	-	-	-	-	-	1	2	-	7	4	-
Illinois.....	-	-	-	-	1	-	-	-	18	42	-
Michigan.....	1	2	-	-	4	-	-	1	46	27	1
Wisconsin.....	1	-	1	-	1	-	-	-	7	6	-
WEST NORTH CENTRAL...	-	2	-	-	1	5	-	1	28	52	31
Minnesota.....	-	2	-	-	-	1	-	-	5	17	-
Iowa.....	-	-	-	-	-	-	-	-	7	6	-
Missouri.....	-	-	-	-	1	-	-	-	13	25	-
North Dakota.....	-	-	-	-	-	-	-	-	-	2	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	-	-	-	-
Kansas.....	-	-	-	-	-	4	-	1	3	2	31
SOUTH ATLANTIC.....	4	1	1	1	2	2	-	3	74	65	8
Delaware.....	-	-	-	-	-	-	-	-	1	4	-
Maryland.....	-	-	-	-	-	1	-	-	13	19	1
Dist. of Columbia..	-	-	-	-	-	-	-	-	2	-	-
Virginia.....	1	1	1	-	2	1	-	-	7	25	-
West Virginia.....	-	-	-	-	-	-	-	-	2	-	-
North Carolina.....	-	-	-	-	-	-	-	-	6	5	6
South Carolina.....	-	-	-	-	-	-	-	-	3	-	-
Georgia.....	-	-	-	-	-	-	-	-	6	6	-
Florida.....	3	-	-	1	-	-	-	3	34	6	1
EAST SOUTH CENTRAL...	30	3	-	-	-	2	1	1	20	28	1
Kentucky.....	1	-	-	-	-	-	-	-	11	10	-
Tennessee.....	28	1	-	-	-	-	1	-	1	12	-
Alabama.....	1	-	-	-	-	-	-	1	7	4	1
Mississippi.....	-	2	-	-	-	2	-	-	1	2	-
WEST SOUTH CENTRAL...	1	2	-	-	-	1	-	-	39	55	-
Arkansas.....	-	-	-	-	-	-	-	-	-	-	-
Louisiana.....	-	1	-	-	-	-	-	-	6	14	-
Oklahoma.....	-	-	-	-	-	1	-	-	4	9	-
Texas.*.....	1	1	-	-	-	-	-	-	29	32	-
MOUNTAIN.....	-	2	-	1	4	2	-	-	18	64	7
Montana.....	-	-	-	-	3	-	-	-	9	6	-
Idaho.....	-	-	-	-	-	-	-	-	-	1	-
Wyoming.....	-	2	-	-	-	-	-	-	-	-	-
Colorado.....	-	-	-	-	-	2	-	-	-	34	7
New Mexico.....	-	-	-	-	-	-	-	-	2	11	-
Arizona.....	-	-	-	1	1	-	-	-	4	11	-
Utah.....	-	-	-	-	-	-	-	-	3	1	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	20	17	-	-	1	6	2	19	230	189	1
Washington.....	1	-	-	-	-	-	-	-	13	9	-
Oregon.....	---	1	---	---	---	-	---	---	---	9	---
California.....	19	13	-	-	1	6	2	19	202	171	1
Alaska.....	-	-	-	-	-	-	-	-	12	-	-
Hawaii.....	-	3	-	-	-	-	-	-	3	-	-
Puerto Rico*.....	-	-	-	-	-	-	-	-	17	16	-

*Delayed Reports: Aseptic Meningitis: Tex. 1
Diphtheria: Tex. 1
Encephalitis, post-infectious: Tex. 1
Hepatitis, serum: Tex. 2
Hepatitis, infectious: Maine 9, Indiana delete 1, Tex. 44, P.R. 5

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

DECEMBER 28, 1968 AND DECEMBER 30, 1967 (52nd WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS	POLIOMYELITIS			RUBELLA
		Cumulative			Cumulative			Total	Paraly[illegible]		
	1968	1968	1967	1968	1968	1967	1968	1968	1968	1968	1968
UNITED STATES...	205	22,527	62,335	17	2,516	2,166	1,611	-	-	57	277
NEW ENGLAND.....	30	1,351	96D	-	139	87	209	-	-	1	19
Maine.....	-	38	264	-	6	3	14	-	-	-	-
New Hampshire.....	-	150	78	-	8	4	-	-	-	-	-
Vermont.....	-	3	34	-	1	2	7	-	-	-	3
Massachusetts.....	1	388	416	-	74	39	113	-	-	1	9
Rhode Island.....	-	65	62	-	9	7	18	-	-	-	-
Connecticut.....	29	707	106	-	41	32	57	-	-	-	7
MIDDLE ATLANTIC.....	31	4,727	2,653	3	447	357	1D7	-	-	1	16
New York City.....	25	2,433	528	1	90	72	24	-	-	-	2
New York, Up-State.	1	1,372	678	1	75	87	NN	-	-	1	8
New Jersey.*.....	1	721	658	-	16D	111	83	-	-	-	5
Pennsylvania.....	4	201	789	1	122	87	NN	-	-	-	1
EAST NORTH CENTRAL...	32	4,261	6,373	5	318	296	370	-	-	11	92
Ohio.....	2	333	1,220	1	85	96	35	-	-	2	6
Indiana.....	6	746	678	-	45	32	69		-	3	58
Illinois.*.....	8	1,445	1,3D6	1	72	70	20	-	-	3	1
Michigan.....	10	353	1,D48	2	91	76	74	-	-	3	15
Wisconsin.....	6	1,384	2,121	1	25	22	172	-	-	-	12
WEST NORTH CENTRAL...	4	488	3,018	2	141	103	97	-	-	3	27
Minnesota.....	-	19	139	1	30	23	8	-	-	-	-
Iowa.....	-	165	825	-	14	22	86	-	-	1	20
Missouri.....	-	81	340	1	50	22	3	-	-	2	5
North Dakota.....	-	142	896	-	4	3	-	-	-	-	2
South Dakota.....	-	4	58	-	5	7	NN	-	-	-	-
Nebraska.....	4	67	663	-	9	16	-	-	-	-	-
Kansas.....	-	10	97	-	29	10	-	-	-	-	-
SOUTH ATLANTIC.....	23	1,819	7,399	3	501	425	89	-	-	3	27
Delaware.....	3	23	52	-	12	8	-	-	-	-	8
Maryland.....	1	104	182	-	44	60	4	-	-	-	1
Dist. of Columbia..	-	6	26	-	17	19	-	-	-	1	-
Virginia.....	-	425	2,346	-	50	47	14	-	-	-	-
West Virginia.....	11	337	1,486	-	14	38	30	-	-	1	7
North Carolina.....	-	322	942	-	99	88	NN	-	-	1	-
South Carolina.....	1	29	517	-	63	36	8	-	-	-	1
Georgia.....	-	4	42	2	98	60	-	-	-	-	-
Florida.....	7	569	1,806	1	104	69	33	-	-	-	10
EAST SOUTH CENTRAL...	-	508	5,540	-	222	179	55	-	-	1	7
Kentucky.....	-	1D7	1,437	-	98	53	25	-	-	1	3
Tennessee.....	-	65	2,068	-	70	77	30	-	-	-	2
Alabama.....	-	95	1,357	-	29	32	-	-	-	-	1
Mississippi.....	-	241	678	-	25	17	-	-	-	-	1
WEST SOUTH CENTRAL...	66	5,38D	18,321	3	363	278	120	-	-	24	14
Arkansas.....	-	2	1,404	-	21	43	-	-	-	1	-
Louisiana.....	1	26	159	1	104	105	2	-	-	-	1
Oklahoma.....	-	132	3,400	-	56	20	15	-	-	2	-
Texas.*.....	65	5,220	13,358	2	182	11D	103	-	-	21	13
MOUNTAIN.....	5	1,100	5,060	-	46	41	121	-	-	1	26
Montana.....	-	58	339	-	7	6	28	-	-	-	2
Idaho.....	-	21	413	-	12	3	9	-	-	-	-
Wyoming.....	-	55	2D7	-	3	1	-	-	-	-	-
Colorado.....	1	526	1,771	-	14	13	26	-	-	-	12
New Mexico.....	4	176	612	-	1	5	19	-	-	-	1
Arizona..*.....	-	235	1,066	-	5	6	34	-	-	1	5
Utah.....	-	21	383	-	1	4	5	-	-	-	6
Nevada.....	-	8	269	-	3	3	-	-	-	-	-
PACIFIC.....	14	2,893	13,011	1	339	400	443	-	-	12	49
Washington.....	2	607	5,689	1	52	39	17	-	-	1	10
Oregon.....	---	592	1,717	---	25	32	---	---	---	-	---
California.....	12	1,648	5,282	-	244	314	394	-	-	11	35
Alaska.....	-	11	141	-	4	11	22	-	-	-	3
Hawaii.....	-	35	182	-	14	4	10	-	-	-	1
Puerto Rico.....	12	524	2,245	-	21	15	13	-	-	-	1

*Delayed Reports: Measles: N.J. Delete 1, Tex. 44
Meningococcal infections: Tex. 2
Mumps: Tex. 170, Ariz. 2
Poliomyelitis, paralytic: Ill. 1
Rubella: Tex. 23, Ariz. delete 1

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
DECEMBER 28, 1968 AND DECEMBER 30, 1967 (52nd WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1968	1968	Cum. 1968	1968	Cum. 1968	1968	Cum. 1968	1968	Cum. 1968	1968	Cum. 1968
UNITED STATES...	8,273	1	159	-	172	3	405	2	279	36	3,317
NEW ENGLAND.....	1,465	-	4	-	47	-	13	-	2	-	74
Maine.*.....	11	-	-	-	-	-	2	-	-	-	55
New Hampshire.....	-	-	1	-	-	-	1	-	-	-	2
Vermont.....	6	-	-	-	47	-	-	-	-	-	11
Massachusetts.....	158	-	1	-	-	-	7	-	2	-	5
Rhode Island.....	47	-	-	-	-	-	-	-	-	-	-
Connecticut.....	1,243	-	2	-	-	-	3	-	-	-	1
MIDDLE ATLANTIC.....	270	-	19	-	10	-	35	-	22	-	55
New York City.....	8	-	11	-	-	-	18	-	-	-	-
New York, Up-State.	199	-	4	-	7	-	8	-	5	-	45
New Jersey.....	NN	-	1	-	-	-	4	-	7	-	-
Pennsylvania.....	63	-	3	-	3	-	5	-	10	-	10
EAST NORTH CENTRAL...	616	1	18	-	11	-	50	-	9	1	285
Ohio.....	110	-	2	-	1	-	20	-	7	-	93
Indiana.....	79	-	2	-	1	-	7	-	-	-	90
Illinois.....	91	-	8	-	8	-	20	-	2	-	39
Michigan.....	213	1	4	-	1	-	1	-	-	-	17
Wisconsin.....	123	-	2	-	-	-	2	-	-	1	46
WEST NORTH CENTRAL...	373	-	15	-	17	-	46	-	9	6	829
Minnesota.....	5	-	2	-	-	-	2	-	-	1	266
Iowa.....	81	-	4	-	-	-	2	-	1	1	126
Missouri.....	1	-	5	-	8	-	30	-	3	2	126
North Dakota.....	139	-	-	-	-	-	1	-	-	2	137
South Dakota.....	19	-	1	-	3	-	2	-	4	-	97
Nebraska.....	75	-	3	-	1	-	5	-	1	-	27
Kansas.....	53	-	-	-	5	-	4	-	-	-	50
SOUTH ATLANTIC.....	1,023	-	32	-	12	2	66	1	143	9	412
Delaware.....	19	-	-	-	-	-	-	-	-	-	1
Maryland.....	138	-	3	-	-	1	10	-	18	-	6
Dist. of Columbia..	1	-	2	-	-	-	1	-	-	-	2
Virginia.....	486	-	4	-	3	-	10	1	45	6	147
West Virginia.....	151	-	2	-	-	1	1	-	2	1	52
North Carolina.....	10	-	2	-	3	-	4	-	39	-	12
South Carolina*....	61	-	4	-	-	-	4	-	9	-	-
Georgia.....	18	-	3	-	4	-	15	-	27	-	83
Florida.....	139	-	12	-	2	-	21	-	3	2	109
EAST SOUTH CENTRAL...	749	-	19	-	11	-	50	1	58	17	717
Kentucky.....	169	-	1	-	2	-	12	-	10	13	391
Tennessee.....	438	-	8	-	7	-	22	-	39	3	291
Alabama.....	120	-	7	-	-	-	3	-	5	-	28
Mississippi.....	22	-	3	-	2	-	13	1	4	-	7
WEST SOUTH CENTRAL...	668	-	31	-	51	-	54	-	30	1	498
Arkansas.....	-	-	5	-	15	-	20	-	6	-	62
Louisiana.....	1	-	10	-	7	-	6	-	1	-	48
Oklahoma.....	80	-	-	-	12	-	15	-	14	-	125
Texas*.....	587	-	16	-	17	-	13	-	9	1	263
MOUNTAIN.....	2,302	-	1	-	9	-	22	-	5	-	92
Montana.....	35	-	-	-	-	-	-	-	-	-	-
Idaho.....	297	-	-	-	-	-	-	-	1	-	-
Wyoming.....	30	-	-	-	1	-	1	-	-	-	4
Colorado.....	1,368	-	-	-	3	-	5	-	4	-	4
New Mexico.....	196	-	-	-	-	-	9	-	-	-	40
Arizona.....	173	-	1	-	-	-	6	-	-	-	40
Utah.....	203	-	-	-	5	-	-	-	-	-	1
Nevada.....	-	-	-	-	-	-	1	-	-	-	3
PACIFIC.....	807	-	20	-	4	1	69	-	1	2	355
Washington.....	102	-	1	-	-	-	2	-	-	-	2
Oregon.....	---	---	1	---	1	---	5	---	-	---	6
California.....	637	-	18	-	3	1	61	-	1	2	347
Alaska.....	19	-	-	-	-	-	1	-	-	-	-
Hawaii.....	49	-	-	-	-	-	-	-	-	-	-
Puerto Rico.....	-	-	13	-	-	-	5	-	-	-	20

*Delayed Reports: SST: Maine 122, S.C. 5, Tex. 1,007
Rabies in Animals: Tex. 3

Week No. 52

TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED DECEMBER 28, 1968

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza	Under 1 year
	All Ages	65 years and over	All Ages	All Causes
NEW ENGLAND:	942	588	117	31
Boston, Mass.	283	156	34	7
Bridgeport, Conn.	60	40	14	3
Cambridge, Mass.	38	26	19	1
Fall River, Mass.	28	21	1	1
Hartford, Conn.	95	56	13	7
Lowell, Mass.	56	42	3	2
Lynn, Mass.	30	17	2	-
New Bedford, Mass.	40	26	6	1
New Haven, Conn.	75	45	5	1
Providence, R. I.	73	41	5	3
Somerville, Mass.	21	13	2	-
Springfield, Mass.	46	32	5	2
Waterbury, Conn.	29	23	-	1
Worcester, Mass.	68	50	8	2
MIDDLE ATLANTIC:	4,185	2,451	397	111
Albany, N. Y.	58	33	3	-
Allentown, Pa.	36	26	6	2
Buffalo, N. Y.	208	139	11	6
Camden, N. J.	30	15	3	1
Elizabeth, N. J.	31	19	2	-
Erie, Pa.	47	27	5	4
Jersey City, N. J.	64	42	6	-
Newark, N. J.	88	49	16	3
New York City, N. Y.	2,376	1,353	242	56
Paterson, N. J.	47	24	1	2
Philadelphia, Pa.	417	239	11	18
Pittsburgh, Pa.	190	102	26	6
Reading, Pa.	81	57	6	3
Rochester, N. Y.	148	93	23	3
Schenectady, N. Y.	42	24	2	1
Scranton, Pa.	55	40	8	-
Syracuse, N. Y.	115	69	7	2
Trenton, N. J.	59	36	4	2
Utica, N. Y.	36	28	6	-
Yonkers, N. Y.	57	36	9	2
EAST NORTH CENTRAL:	3,244	1,851	280	146
Akron, Ohio	96	54	5	3
Canton, Ohio	46	30	5	1
Chicago, Ill.	982	516	76	43
Cincinnati, Ohio	148	96	7	5
Cleveland, Ohio	265	143	30	14
Columbus, Ohio	154	90	4	6
Dayton, Ohio	110	61	9	4
Detroit, Mich.	517	299	63	18
Evansville, Ind.	34	19	4	-
Flint, Mich.	53	31	19	5
Fort Wayne, Ind.	52	33	3	2
Gary, Ind.	55	26	5	2
Grand Rapids, Mich.	55	43	5	1
Indianapolis, Ind.	182	103	10	8
Madison, Wis.	25	15	2	2
Milwaukee, Wis.	131	82	13	19
Peoria, Ill.	46	21	2	1
Rockford, Ill.	55	31	7	3
South Bend, Ind.	27	18	4	1
Toledo, Ohio	126	85	5	8
Youngstown, Ohio	85	55	2	-
WEST NORTH CENTRAL:	924	565	57	33
Des Moines, Iowa	59	42	5	2
Duluth, Minn.	24	13	3	1
Kansas City, Kans.	41	23	3	2
Kansas City, Mo.	181	110	8	7
Lincoln, Nebr.	20	15	2	1
Minneapolis, Minn.	116	69	9	6
Omaha, Nebr.	86	47	4	4
St. Louis, Mo.	252	140	11	6
St. Paul, Minn.	82	59	6	4
Wichita, Kans.	63	47	6	-
SOUTH ATLANTIC:	1,229	665	106	37
Atlanta, Ga.	113	50	10	7
Baltimore, Md.	272	144	20	4
Charlotte, N. C.	42	21	-	3
Jacksonville, Fla.	76	43	6	6
Miami, Fla.	126	74	4	4
Norfolk, Va.	59	32	11	3
Richmond, Va.	110	55	7	3
Savannah, Ga.	30	16	4	-
St. Petersburg, Fla.	99	80	16	2
Tampa, Fla.	75	41	10	1
Washington, D. C.	183	89	13	4
Wilmington, Del.	44	20	5	-
EAST SOUTH CENTRAL:	417	243	25	24
Birmingham, Ala.	67	34	1	7
Chattanooga, Tenn.	37	20	3	3
Knoxville, Tenn.*	27	19	2	1
Louisville, Ky.	112	76	11	2
Memphis, Tenn.	87	48	2	2
Mobile, Ala.	32	16	-	2
Montgomery, Ala.	21	12	4	4
Nashville, Tenn.	34	18	2	3
WEST SOUTH CENTRAL:	1,043	554	53	43
Austin, Tex.	38	21	4	2
Baton Rouge, La.	48	24	1	1
Corpus Christi, Tex.	16	10	2	2
Dallas, Tex.	165	88	4	7
El Paso, Tex.	51	31	5	3
Fort Worth, Tex.	77	46	7	3
Houston, Tex.	141	58	2	4
Little Rock, Ark.	40	25	5	-
New Orleans, La.	184	87	9	4
Oklahoma City, Okla.	77	43	2	4
San Antonio, Tex.	112	66	9	7
Shreveport, La.	50	26	1	5
Tulsa, Okla.	44	29	2	1
MOUNTAIN:	557	332	64	19
Albuquerque, N. Mex.	64	28	12	6
Colorado Springs, Colo.	38	23	4	1
Denver, Colo.	120	70	7	4
Ogden, Utah	15	8	2	-
Phoenix, Ariz.	172	104	20	2
Pueblo, Colo.	27	17	7	-
Salt Lake City, Utah	58	36	3	4
Tucson, Ariz.	63	46	9	2
PACIFIC:	1,523	914	69	61
Berkeley, Calif.	23	20	2	-
Fresno, Calif.	67	43	2	5
Glendale, Calif.	29	20	1	-
Honolulu, Hawaii	53	26	2	3
Long Beach, Calif.	103	63	6	-
Los Angeles, Calif.	379	239	19	11
Oakland, Calif.	81	51	3	4
Pasadena, Calif.	34	20	1	1
Portland, Oreg.	115	77	2	5
Sacramento, Calif.	71	39	2	8
San Diego, Calif.	99	52	4	3
San Francisco, Calif.	195	113	9	4
San Jose, Calif.	48	29	3	3
Seattle, Wash.	128	64	5	11
Spokane, Wash.	67	40	8	3
Tacoma, Wash.	31	18	-	-
Total	14,064	8,163	1,168	505

*Estimate - based on average percent of divisional total.

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages	665,999
All Causes, Age 65 and over	382,536
Pneumonia and Influenza, All Ages	27,550
All Causes, Under 1 Year of Age	31,176

INDEX – VOLUME 17 – 1968 *(Continued from page 483)*

Summaries
Annual, 137, 160
Current, 381

SYPHILIS
Epidemic Reports
Alabama, 322
Summories
Annual, 426
Current (Tables), 14, 60, 95, 130, 170, 212, 255, 363, 407, 426, 471

TAENIASIS
Epidemic Reports
Rhode Island, 209

TETANUS
Summory
Annual, 131, 152, 168, 179

TICK PARALYSIS
Epidemic Reports
Oregon, 286

TRICHINOSIS
Epidemic Reports
Hawaii, 260
Ohio, 210, 228
Summory
Annual, 289

TUBERCULOSIS
Epidemic Reports
Georgia, 298
New York, 270
Summories
Annual, 114, 398
Current, 94

TULAREMIA
Epidemic Reports
Georgia, 243
New York, 177, 263
Vermont, 161, 190, 262

TYPHOID FEVER
Epidemic Reports
Missouri, 330, 371, 470
Tennessee, 150, 417
Internationol Notes
Cuba, 427

TYPHUS, LOUSE-BORNE
Recommendation of the PHS Advisory Committee on Immunization Practices – Typhus Vaccine, 191

TYPHUS, MURINE
Epidemic Reports
Maryland, 348

TYPHUS, SCRUB, SUSPECT
Epidemic Reports
Kansas, 379

UNKNOWN ETIOLOGY
Epidemic Reports
African Monkeys, Germany. See, Marburg Disease
Febrile Illness, Michigan, 315
Gastrointestinal Illness, Ohio, 434, 478; Oklahoma, 478

VACCINIA
Epidemic Reports
Indiana, 336

VACCINIA NECROSUM
Epidemic Reports
Oregon, 312

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